

IN THE CLAIMS:

Although not amended herein, the text of all pending claims is set forth below.

1. (PREVIOUSLY PRESENTED) A machining system for machining workpieces of different kinds, comprising:

a machine tool for performing machining on a workpiece;

a handling robot for handling the workpiece;

a visual sensor for detecting the workpiece;

an information processing device connected with said machine tool, said handling robot and said visual sensor through a communication path,

said information processing device including display means for displaying a list of items specifying operation programs for said machine tool, said handling robot or said visual sensor to be used for different kinds of workpieces on a display screen; and

communicating means for uploading/downloading an operation program specified by one of the items displayed on the display screen selected by an operator and/or information associated with the operation program between the information processing device and said machine tool, said handling robot or said visual sensor,

wherein the operation program and/or the associated information specified by the item selected by the operator are displayed on the display screen, the operator confirming and editing the displayed operation program and/or associated information according to the displayed information.

2. (ORIGINAL) A machining system according to claim 1, wherein said information processing device further includes editing means for editing the operation program and/or the associated information displayed on the display screen.

3. (ORIGINAL) A machining system according to claim 1, wherein said associated information includes parameters for executing the operation program.

4. (ORIGINAL) A machining system according to claim 1, wherein said display means simultaneously displays information on a plurality of operation programs specified by items selected by the operator on the display screen.

5. (PREVIOUSLY PRESENTED) A machining system according to claim 1, wherein said display means simultaneously displays the operation programs and/or the associated

information for at least two of said machine tool, said handling robot and said visual sensor on the display screen.

6. (ORIGINAL) A machining system according to claim 1, wherein one of said machine tool, said handling robot and said visual sensor functions as said information processing device.

7. (PREVIOUSLY PRESENTED) An apparatus, comprising:
a sensor to detect an orientation of a workpiece;
a machine tool to machine the workpiece;
a handling robot to hold the workpiece;
an information processing device in communication with said machine tool, said handling robot and said sensor,

said information processing device including a display screen to display a list of items specifying operation programs for said machine tool, said handling robot or said sensor to be used for different kinds of the workpieces; and

a communicating unit to upload/download the operation program specified by one of the items displayed on the display screen selected by an operator and/or information associated with the operation program,

wherein the operation program and/or the associated information specified by the item selected by the operator are displayed on the display screen, the operator confirming and editing the displayed operation program and/or associated information according to the displayed information.